

□if a English version is needed, please let me know□

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BRAIN Initiative

AlphaGo Zero Superhuman Quantum Supremacy

Nature

AlphaGo Zero Nature superhuman [3] AlphaGo game AlphaGo Zero

game Nature Quantum Supremacy [4]

Shor's algorithm Quantum Supremacy

qubit NISQ noisy intermediate-scale quantum

Quantum Supremacy Sycamore NISQ noise

Sycamore AlphaGo Zero

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Quantum Supremacy NISQ John Preskill [5]

Quantum Supremacy Quantum Supremacy Nature

Quantum Supremacy 優化 optimization 机器学习 machine learning 雜訊 noisy NISQ 雜訊 noisy Sycamore

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